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UTILITY		No. P06638US0
PATENT APPLICATION	First Inventor	IGARASHI, et al.
TRANSMITTAL	Title CHAIR	
		[7/252004994]]C

APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, Dc 20231  To Fee Transmittal Form (e.g., PTO/SBHT)  To Construent demands of the Invention (for Continual Fee Transmittal England Fee Transmittal Engl	(Only for new nonprovision	al applications under 37 CFR 1.53(b))	Express	Mail Label No.	EV35309	4881	US	
V   Fee Transmittal Form (e.g., PTO/SB/17)   V   V   V   V   V   V   V   V   V	APPLICAT	TION ELEMENTS		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				ents
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Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Detailed Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  1. □ Drawing(s) (35 U.S.C. 113)	Specification	1,0ta,, agoo   1]	а. Г	Computer Rea	dable Form (C	RF)		<u>"</u>
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Claim(s) - Detailed Description of the Drawings (if filed) - Detailed Description of the Drawings (if filed) - Detailed Description - Claim(s) - Detailed Description - Detailed Description - Claim(s) - Detailed Description - Detailed Descriptio	- Descriptive title	of the invention	b :	 Specification Seque	ence Listina on	:		<u>ئۆ</u> ر
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- Claim(s) - Abstract of the Disclosure  4.	- Brief Description - Detailed Descrip	ition	9.	Assignment Pa	pers (cover sh	eet & de	ocument(s	s))
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5. Oath or Declaration  a. Newly executed (original or copy)  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application, see 37 CFR  1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisions Divisions Continuation-in-part (CIP)  Prior application from the St.	4 Prawing(s) (35.11	S.C. 113)   Total Sheets   21	1 11.	English Transl	lation Docume	nt <i>(if app</i>		
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i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation Divisional Continuation information:  Examiner.  For CONTINUINO NO DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  City  Customer Number or Bar Code Label  Name  Registration No. (Attorney/Agent)  Registration No. (Attorney/Agent)  18. 5. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(I). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or its equivalent.  19. Continuation of divisional application which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part Unit Continuation or divisional application and is hereby incorp	Conv from a	prior application (37 CFR 1.63 (d))	14.				3)	
Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	•		(Should be specifically iterffized)					
1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation Divisional Continuation information:  Prior application information:  Examiner Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  19. CORRESPONDENCE ADDRESS  Or Correspondence address below  Name  34082  PATENT TRADEMARK OFFICE  Address  City  State  Zip Code  Country  Registration No. (Attorney/Agent)  18,543	Signed state	ement attached deleting inventor(s)	13. [					
or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No:   /			16.	Nonpublicatio	n Request und onlicant must a	ier 35 U ittach fo	.S.C. 122 m PTO/S	SB/35
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  V Customer Number or Bar Code Label  Address  City State Zip Code  Country  Telephone  Registration No. (Attorney/Agent) 18,543  The 17 2003	1.63(a)(2)	and 1.33(b).						
or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No:  Prior application information:  Examiner:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  19. Correspondence address below  Name  34082  PATENT TRADEMARK OFFICE  Address  City  State  Zip Code  Country  Registration No. (Attorney/Agent)  18,543	6. Application Data	Sheet. See 37 CFR 1.76	17.					
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19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Name  34082  PATENT TRADEMARK OFFICE  Address  City  Country  State  Zip Code  Country  Registration No. (Attorney/Agent)  18,543  T 1, 17, 2003	Procedular and allocated as march of	the disclosure of the accompanying COI	stinuation or di	visional application a	and is nereby ir	ıçorpora	ted by refe	erence.
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1 1 2 2003	Name (Print/Type)	Donald H, Zarley	Reg	istration No. (Atto	orney/Agent)		18,543	]
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Complete if Known

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**Application Number** 

**FEE TRANSMITTAL** 

for FY 2003	Filin	g Date			
	First Named Inventor		IGARASHI, et al.		
Effective 01/01/2003. Patent fees are subject to annual revision.	Examiner Name				
Applicant claims small entity status. See 37 CFR 1.27	Art (	Jnit			
TOTAL AMOUNT OF PAYMENT (\$) 750.00	Atto	Attorney Docket No. P06638US0			
METHOD OF PAYMENT (check all that apply)	-	FEE C	ALCULATION (continued)		
X Check Credit card Money Other None	3. ADDI	IONAL FEES			
Deposit Account:		Small Entity			
Deposit	Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	Fee Paid	
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Deposit Account ZARLEY LAW FIRM, P.L.C.	1052 50		rcharge - late provisional filing fee or ver sheet	1	
Name The Director is authorized to: (check all that apply)	1053 130		n-English specification		
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1.0.0 0,000	filing a request for ex parte reexamination	n	
Charge any additional fee(s) during the pendency of this application	1804 920		questing publication of SIR prior to aminer action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840		equesting publication of SIR after carrier		
FEE CALCULATION	1251 110	2251 55 Ex	dension for reply within first month		
1. BASIC FILING FEE	1252 41	2252 205 Ex	tension for reply within second month		
Large Entity Small Entity	1253 93	0 2253 465 Ex	tension for reply within third month	1	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,45	1	tension for reply within fourth month		
1001 750 2001 375 Utility filing fee 750.00	1255 1,97	0 2255 985 Ex	ktension for reply within fifth month		
1002 330 2002 165 Design filing fee	1401 32		otice of Appeal		
1003 520 2003 260 Plant filing fee	1402 32	_	ling a brief in support of an appeal		
1004 750 2004 375 Reissue filing fee	1403 28		equest for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,51	•	etition to institute a public use proceeding etition to revive - unavoidable		
SUBTOTAL (1) (\$)750.00	1452 11				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,30 1501 1,30	i .	etition to revive - unintentional tility issue fee (or reissue)		
Fee from Extra Claims <u>below</u> Fee <u>Paid</u>	1501 1,30		esign issue fee		
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Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021 4	0 8021 40 Re	ecording each patent assignment per operty (times number of properties)		
1202 18 2202 9 Claims in excess of 20	1809 75	0 2809 375 Fi	iling a submission after final rejection 37 CFR 1.129(a))		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810 75	0 2810 375 Fo	or each additional invention to be		
1204 84 2204 42 ** Reissue independent claims	1801 75	i	xamined (37 CFR 1.129(b)) Request for Continued Examination (RCE		
over original patent  1205 18 2205 9 ** Reissue claims in excess of 20			Request for expedited examination (NOE)	′ ├───	
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SUBTOTAL (2) (\$) 0.00	Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00				
**or number previously paid, if greater; For Reissues, see above Reduced by Basic Filling Fee Faid SUBTOTAL (3) [(\$) 0.00					
SUBMITTED BY (Complete (if applicable)					
Name (Print/Type) Donald H. Zarley		tration No. ev/Agent) 18	,543 Telephone 515 558		
Signature			Date July	17,2603	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed Form PTO/SB/05 - Utility Patent Application Transmittal (in duplicate) to the U.S. Patent and Trademark Office, check for \$750.00 USD, and documents associated with filing a new patent application claiming priority of Japanese Patent Application Nos. 2002-213458 filed July 23, 2002; 2002-213459 filed July 23, 2002; 2002-213810 filed July 23, 2002; 2002-281550 filed September 26, 2002; and 2002-288194 filed October 1, 2002; have been mailed by the U.S. Postal Service's Express Mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, prior to 5:00 p.m. on July 17, 2003.

Donald H. Zarley

Express Mail # EV353094881US